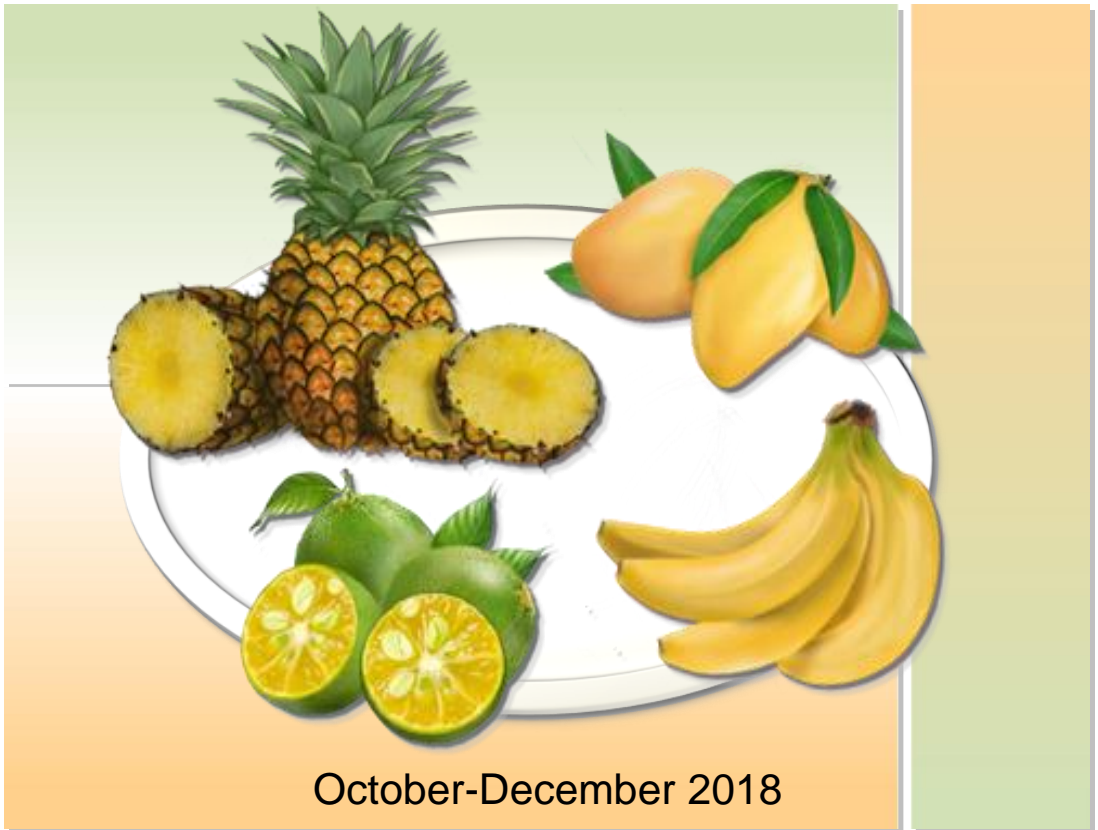


Major Fruit Crops Quarterly Bulletin

Volume 12 No. 4

Quezon City, Philippines



October-December 2018



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FOREWORD

The *Major Fruit Crops Quarterly Bulletin* provides updates on production of banana, calamansi, mango, and pineapple. These crops are highlighted in the report on the Performance of Agriculture that the Philippine Statistics Authority (PSA) releases quarterly.

This fourth quarter 2018 issue of the Bulletin presents the final estimates of production from July to September 2018 and the preliminary estimates from October to December 2018. It also contains the preliminary estimates on area planted and number of bearing trees/hills for the period July to December 2018. The main source of data is the Crops Production Survey (CrPS) conducted quarterly by PSA.

Lisa Grace S. Bersales

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Undersecretary

National Statistician and Civil Registrar General

Quezon City, Philippines
February 2019

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^P - Preliminary Estimate

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^P - Preliminary Estimate

BACKGROUND¹

Scope and Coverage

The Crops Production Survey (CrPS) is for all crops other than palay and corn. Around 282 crops are covered by this survey. For this bulletin, information on four major fruit crops are reported. These fruit crops are banana, calamansi, mango and pineapple.

Estimates of production, area planted/harvested, and number of bearing trees/hills are generated from the (CrPS) which has four survey rounds in a year, that is, February, May, August, and November.

Crops statistics covers all regions excluding National Capital Region (NCR).

Sampling Methodology

A non-probability survey is employed for the CrPS. A “5 by 5” design was used in the selection of samples, with the province as survey domain. The top five producing municipalities of a certain crop are chosen from each province. From each of these municipalities, five sample farmers are selected as respondents. In this two-stage design, municipality serves as the primary sampling unit while farmer-producer is the secondary sampling unit.

Data Collection

For CrPS, data collection is conducted quarterly during the last 10 days of the middle month of the quarter. It gathers data on production, area planted/harvested and number of bearing trees/hills.

Concepts and Definitions

Crop production refers to the quantity produced and actually harvested for a particular crop during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvester’s share, reserved, etc. Excluded are those produced but not harvested due to low price, lack of demand and force majeure or fortuitous events, etc.

¹ **Source:** *Excerpts from Crops Statistics of the Philippines 2012-2016; ISSN-2012-0487*
<https://psa.gov.ph/content/crops-statistics-philippines-national-and-regional>

Area planted refers to the actual physical area planted. This generally applies to area reported for permanent crops and multi-harvest temporary crops. On the other hand, area harvested refers to the actual area from which harvests are realized. This excludes crop area which were totally damaged. It may be smaller than the area planted. In crops statistics, this applies to temporary crops.

Bearing trees/hills refers to trees/hills where harvesting has been made in the past and may or may not have borne fruits (productive) during the reference period due to cyclical production pattern of the crop. Hills applies to banana.

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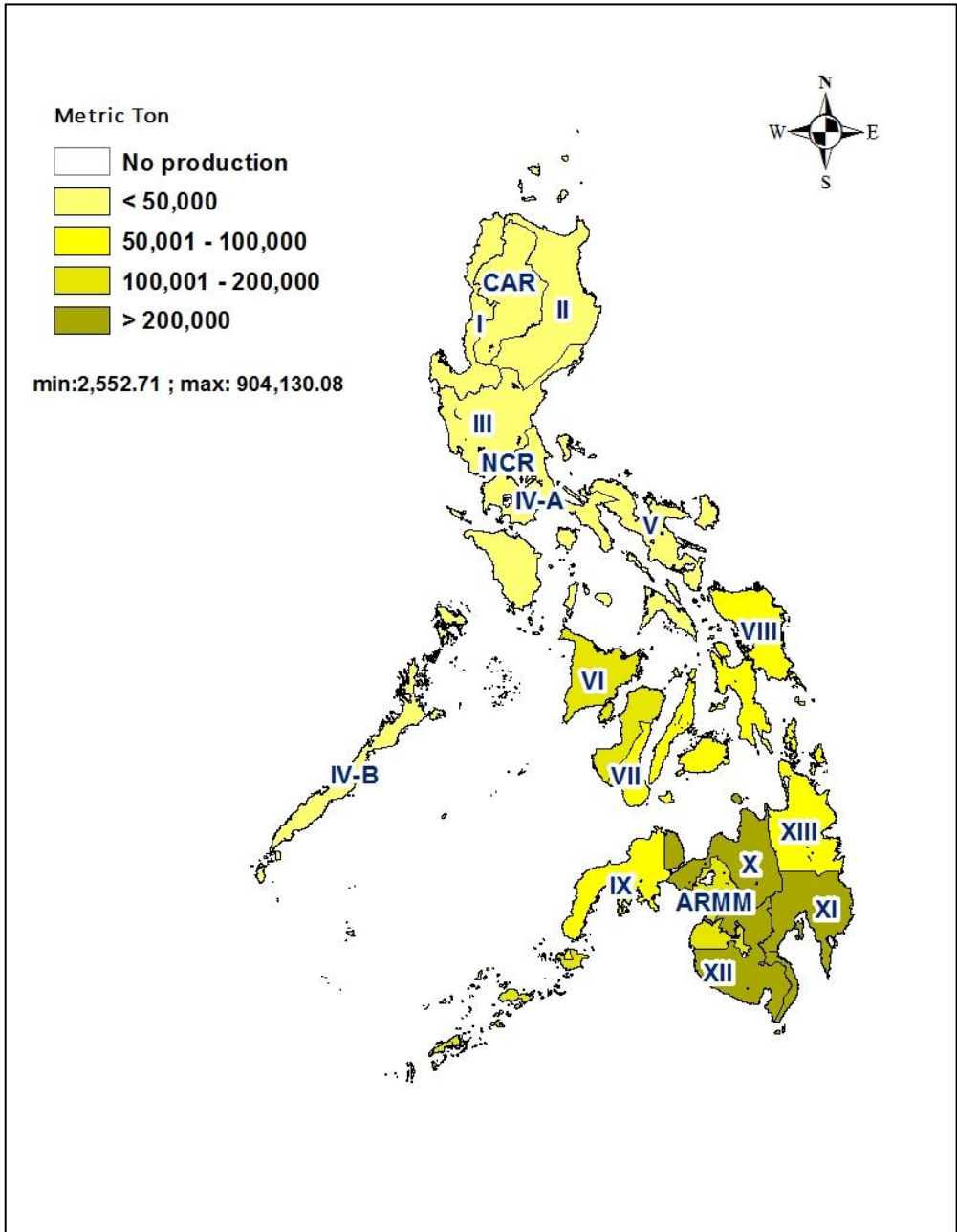


FIGURE 1 Banana Production by Region, October-December: 2018^P

HIGHLIGHTS

Banana

- Banana production for the fourth quarter of 2018 was accounted at 2.42 million metric tons, increased by 0.6 percent from the previous year's level of 2.41 million metric tons.
- Davao Region had the highest production of 904.13 thousand metric tons or 37.3 percent of the total banana production. Northern Mindanao followed with 492.25 thousand metric tons or 20.3 percent, while SOCCSKSARGEN contributed 335.11 thousand metric tons or 13.8 percent (Figure 2).
- Of the total banana production, Cavendish variety had the highest share during the period at 51.9 percent. Saba variety followed with 27.6 percent while Lakatan variety together with other variety comprised the remaining share of 20.5 percent (Figure 3).

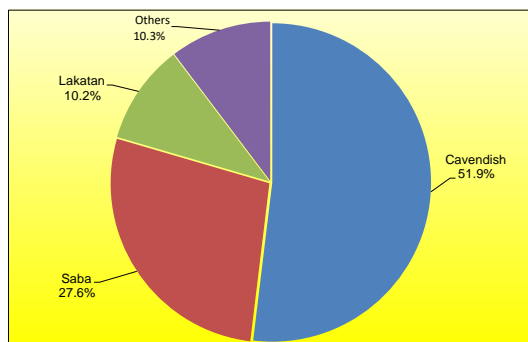
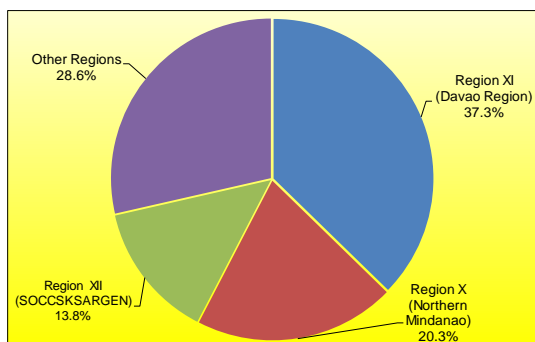


FIGURE 2 Distribution of Banana Production by Region, October-December: 2018^P **FIGURE 3 Distribution of Banana Production by Variety, Philippines, October-December: 2018^P**

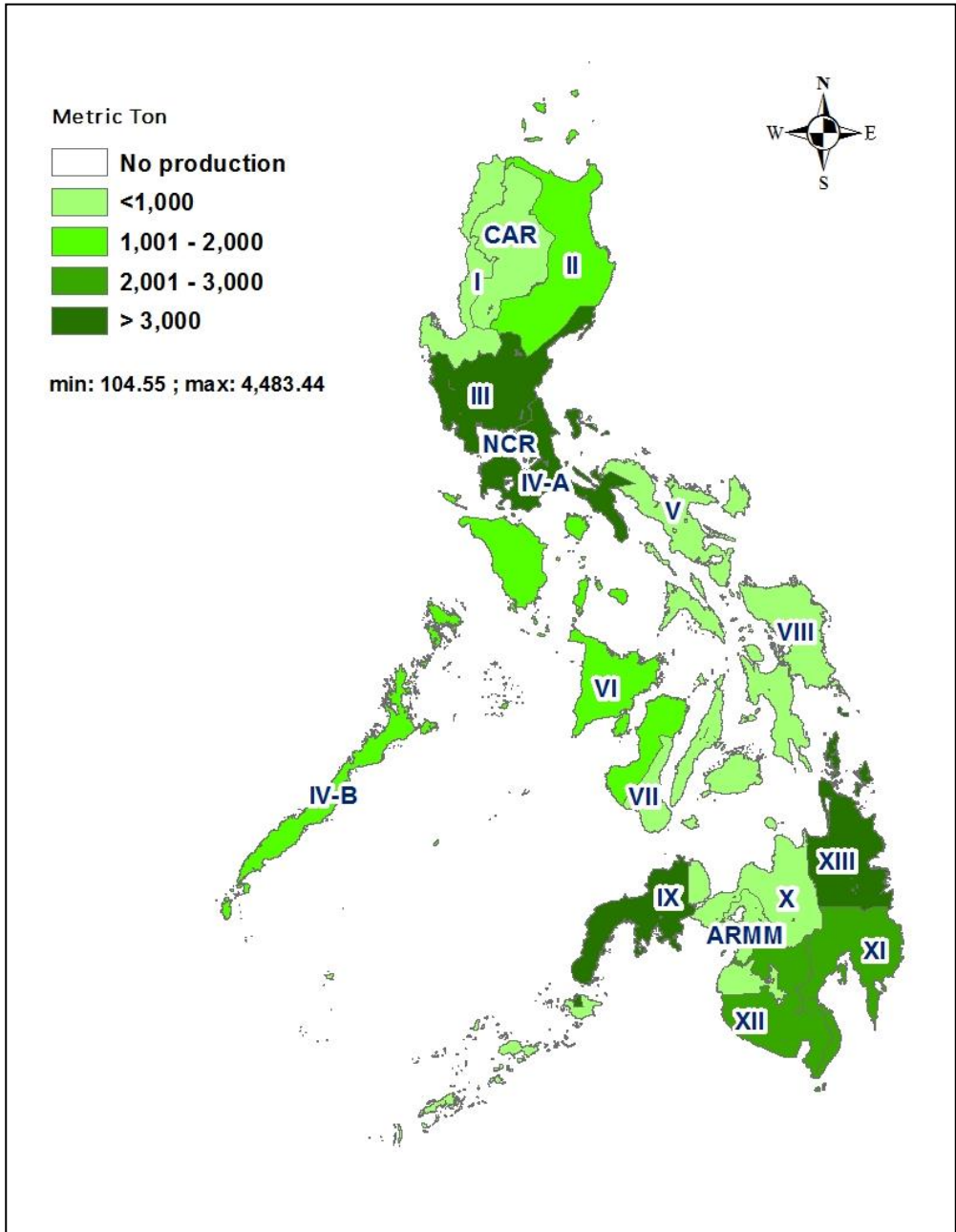


FIGURE 4 Calamansi Production by Region, October-December: 2018^P

Calamansi

- For the period October to December 2018, calamansi production was estimated at 26.75 thousand metric tons, lower by 4.6 percent compared with the 28.03 thousand metric tons during the same period of 2017.
- Among the regions, CALABARZON had the highest production of 4.48 thousand metric tons or 16.8 percent of the total production. This was followed by Zamboanga Peninsula with 13.2 percent, and Caraga with 12.8 percent (Figure 5).

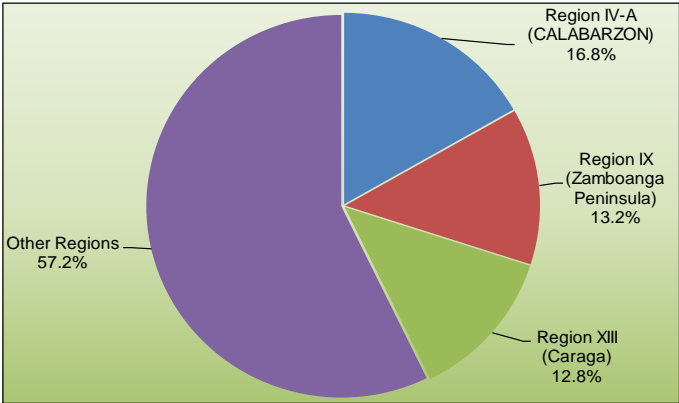


FIGURE 5 Distribution of Calamansi Production by Region, October-December: 2018^P

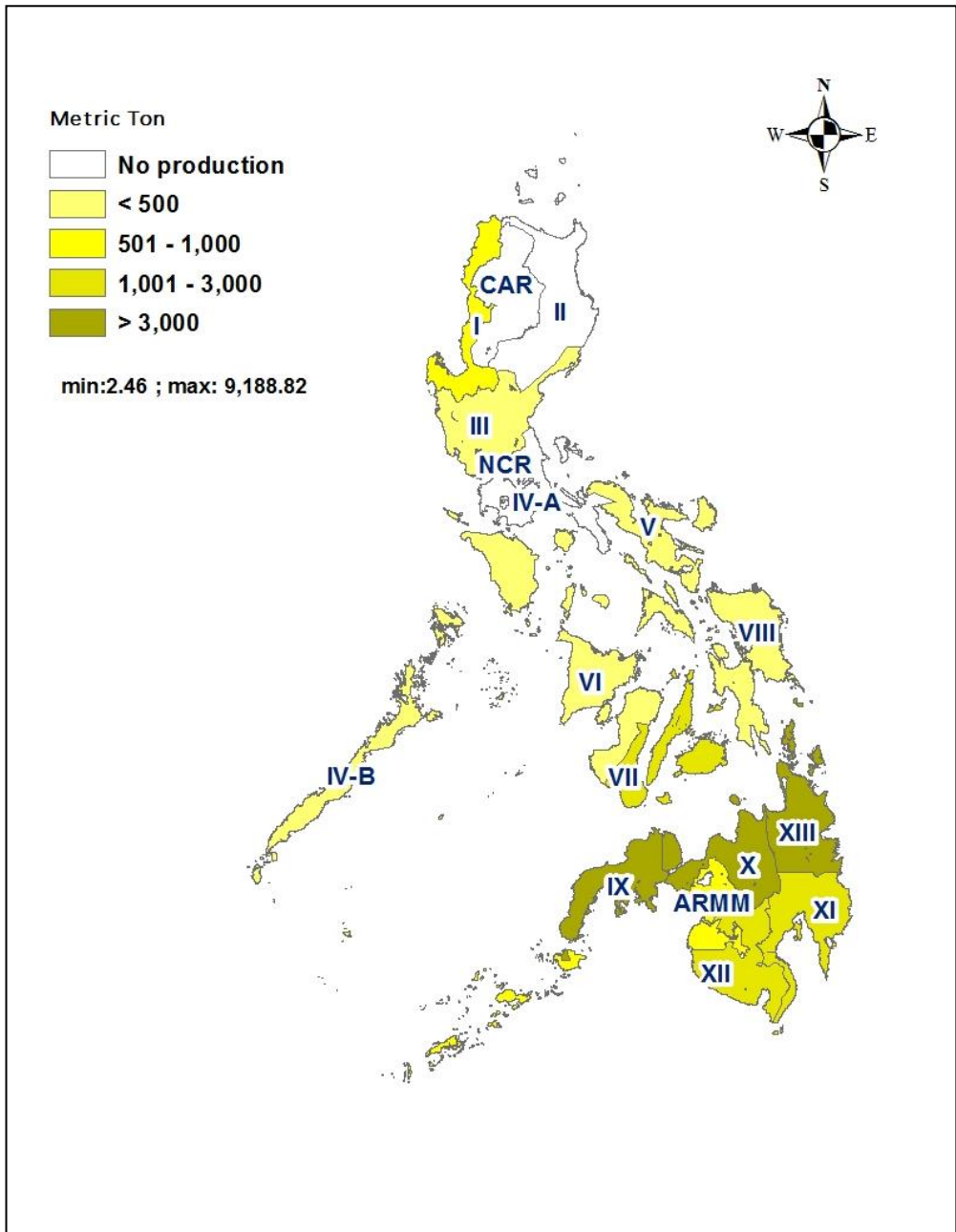


FIGURE 6 Mango Production by Region, October-December: 2018^P

Mango

- An increase of 0.5 percent in mango production was recorded during the fourth quarter of 2018, reaching the level of 27.62 thousand metric tons. This was 131 metric tons higher than the 2017 level of 27.49 thousand metric tons.
- Zamboanga Peninsula had the largest share of 26.0 percent to total mango production, followed by Caraga and Northern Mindanao with 24.1 percent and 15.4 percent, respectively (Figure 7).
- Carabao variety with 22.56 thousand metric tons production during the period contributed the largest share of 81.7 percent to the total mango production (Figure 8).

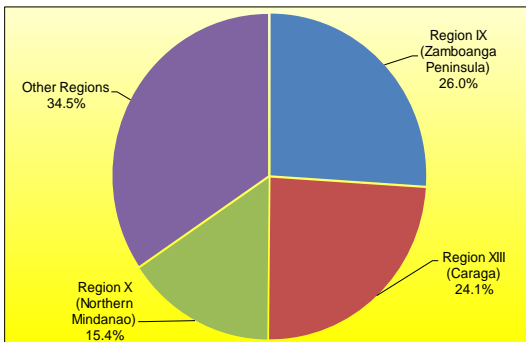


FIGURE 7 Distribution of Mango Production by Region, October-December: 2018^P

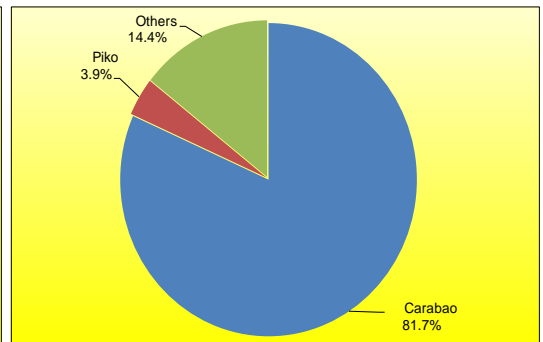


FIGURE 8 Distribution of Mango Production by Variety, Philippines, October-December: 2018^P

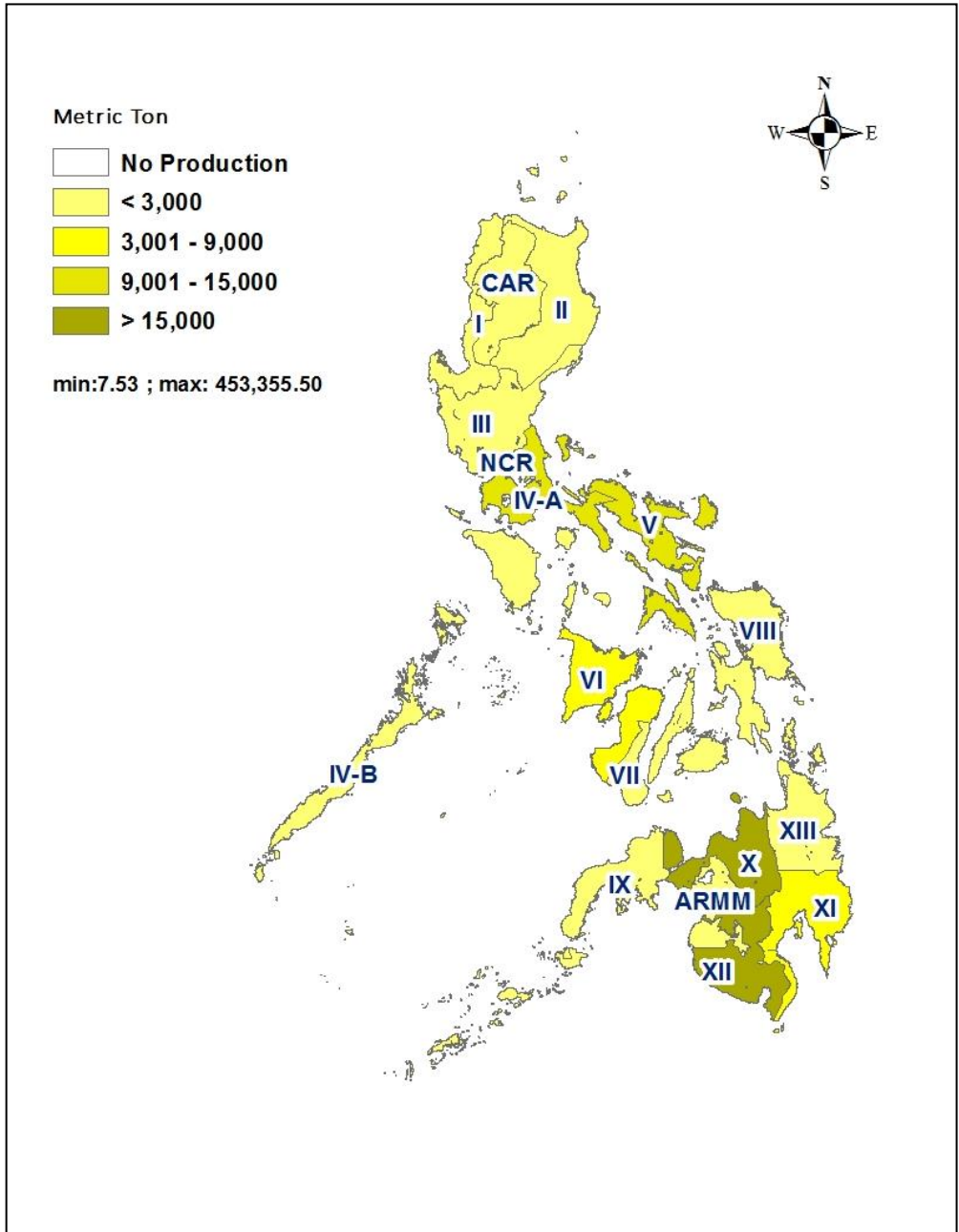


FIGURE 9 Pineapple Production by Region, October-December: 2018^P

Pineapple

- Pineapple production during October to December 2018 posted an increment of 1.0 percent, reaching 706.46 thousand metric tons from 699.22 thousand metric tons in the same period of the previous year.
- Almost two-thirds or 64.2 percent of total pineapple production was from Northern Mindanao. SOCCSKSARGEN came next with 30.0 percent share to the total pineapple production while Bicol Region contributed 2.1 percent (Figure 10).

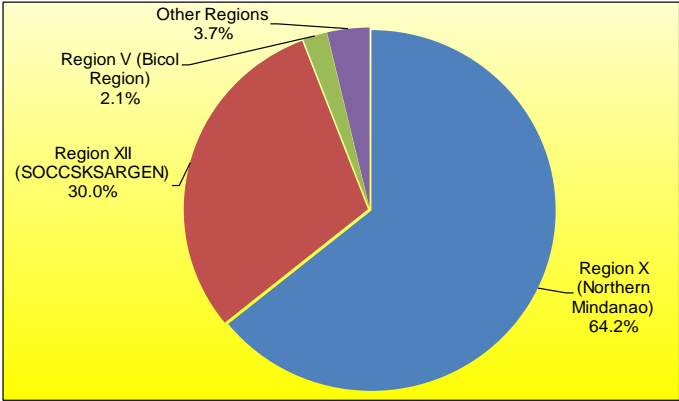


FIGURE 10 Distribution of Pineapple Production by Region, October-December: 2018^P

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STATISTICAL TABLES

TABLE 1 Volume of Production for Selected Fruit Crops, Philippines
July-September: 2017-2018 and October-December: 2017-2018^P
(In metric tons)

(Details may not add up to total due to rounding)

CROP	Production				Percent Change	
	July-September		October-December		Jul-Sep	Oct-Dec
	2017	2018	2017	2018 ^P		
Banana	2,383,721	2,432,072	2,409,147	2,424,045	2.0	0.6
Cavendish	1,232,499	1,246,602	1,238,405	1,258,613	1.1	1.6
<i>51.7%</i>	<i>51.3%</i>	<i>51.4%</i>	<i>51.9%</i>			
Lakatan	249,844	258,074	245,621	246,284	3.3	0.3
<i>10.5%</i>	<i>10.6%</i>	<i>10.2%</i>	<i>10.2%</i>			
Saba	667,724	689,647	674,284	668,770	3.3	(0.8)
<i>28.0%</i>	<i>28.4%</i>	<i>28.0%</i>	<i>27.6%</i>			
Other banana	233,654	237,749	250,837	250,379	1.8	(0.2)
<i>9.8%</i>	<i>9.8%</i>	<i>10.4%</i>	<i>10.3%</i>			
Calamansi	54,695	53,563	28,031	26,745	(2.1)	(4.6)
Mango	55,440	57,851	27,488	27,619	4.3	0.5
Carabao	44,782	46,458	22,297	22,555	3.7	1.2
<i>80.8%</i>	<i>80.3%</i>	<i>81.1%</i>	<i>81.7%</i>			
Other mango	10,659	11,393	5,191	5,064	6.9	(2.5)
<i>19.2%</i>	<i>19.7%</i>	<i>18.9%</i>	<i>18.3%</i>			
Pineapple	683,763	705,429	699,221	706,462	3.2	1.0

^P-Preliminary

Italicized numbers are the percent share of varieties to the total fruit production estimates

TABLE 2 Volume of Production for Banana by Region
July-September: 2017-2018 and October-December: 2017-2018^P
(In metric tons)

(Details may not add up to total due to rounding)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sep	Oct-Dec
	2017	2018	2017	2018 ^P		
PHILIPPINES	2,383,721	2,432,072	2,409,147	2,424,045	2.0	0.6
Cordillera Administrative Region (CAR)	8,493	8,054	3,122	2,552	(5.2)	(18.3)
Region I (Ilocos Region)	9,268	9,623	11,967	10,431	3.8	(12.8)
Region II (Cagayan Valley)	89,715	97,136	44,776	27,005	8.3	(39.7)
Region III (Central Luzon)	12,621	12,905	13,019	12,960	2.2	(0.5)
Region IV-A (CALABARZON)	40,266	40,335	18,539	20,491	0.2	10.5
MIMAROPA Region	27,415	32,111	28,899	33,225	17.1	15.0
Region V (Bicol Region)	24,922	27,733	20,465	21,757	11.3	6.3
Region VI (Western Visayas)	50,648	53,060	97,297	102,132	4.8	5.0
Region VII (Central Visayas)	40,100	40,336	59,529	60,602	0.6	1.8
Region VIII (Eastern Visayas)	65,998	67,352	52,305	52,661	2.1	0.7
Region IX (Zamboanga Peninsula)	68,962	69,929	90,252	86,655	1.4	(4.0)
Region X (Northern Mindanao)	512,253	517,399	487,646	492,251	1.0	0.9
Region XI (Davao Region)	918,970	929,427	901,531	904,130	1.1	0.3
Region XII (SOCCSKSARGEN)	291,556	303,735	325,030	335,110	4.2	3.1
Region XIII (Caraga)	86,274	83,692	73,338	71,479	(3.0)	(2.5)
Autonomous Region in Muslim Mindanao (ARMM)	136,259	139,245	181,434	190,604	2.2	5.1

^P-Preliminary

TABLE 3 Volume of Production for Calamansi by Region
July-September: 2017-2018 and October-December: 2017-2018^P
(In metric tons)

(Details may not add up to total due to rounding)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sep	Oct-Dec
	2017	2018	2017	2018 ^P		
PHILIPPINES	54,695	53,563	28,031	26,745	(2.1)	(4.6)
Cordillera Administrative Region (CAR)	89	83	114	105	(6.8)	(8.2)
Region I (Ilocos Region)	1,047	1,056	888	833	0.8	(6.2)
Region II (Cagayan Valley)	1,817	1,741	2,444	1,259	(4.1)	(48.5)
Region III (Central Luzon)	3,098	2,986	2,912	3,031	(3.6)	4.1
Region IV-A (CALABARZON)	6,060	5,891	4,246	4,483	(2.8)	5.6
MIMAROPA Region	29,146	28,625	1,182	1,202	(1.8)	1.7
Region V (Bicol Region)	855	779	640	796	(9.0)	24.3
Region VI (Western Visayas)	906	947	1,664	1,665	4.5	0.1
Region VII (Central Visayas)	500	498	177	169	(0.5)	(4.9)
Region VIII (Eastern Visayas)	694	725	444	447	4.4	0.7
Region IX (Zamboanga Peninsula)	3,606	3,271	3,786	3,531	(9.3)	(6.7)
Region X (Northern Mindanao)	852	937	551	549	10.0	(0.3)
Region XI (Davao Region)	2,713	2,692	2,468	2,480	(0.8)	0.5
Region XII (SOCCSKSARGEN)	1,271	1,303	2,375	2,237	2.5	(5.8)
Region XIII (Caraga)	938	899	3,618	3,424	(4.1)	(5.4)
Autonomous Region in Muslim Mindanao (ARMM)	1,102	1,130	521	534	2.6	2.4

P-Preliminary

TABLE 4 Volume of Production for Mango by Region
July-September: 2017-2018 and October-December: 2017-2018^P
(In metric tons)

(Details may not add up to total due to rounding)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sep	Oct-Dec
	2017	2018	2017	2018 ^P		
PHILIPPINES	55,440	57,851	27,488	27,619	4.3	0.5
Cordillera Administrative Region (CAR)	6	5	-	-	(14.7)	-
Region I (Ilocos Region)	16	15	1,378	957	(4.8)	(30.6)
Region II (Cagayan Valley)	176	194	-	-	10.5	-
Region III (Central Luzon)	82	79	188	2	(4.0)	(98.7)
Region IV-A (CALABARZON)	-	-	-	-	-	-
MIMAROPA Region	97	97	136	129	(0.1)	(5.4)
Region V (Bicol Region)	1,151	1,559	212	204	35.5	(3.7)
Region VI (Western Visayas)	2,159	2,003	350	327	(7.2)	(6.5)
Region VII (Central Visayas)	18,286	19,104	2,578	2,731	4.5	6.0
Region VIII (Eastern Visayas)	108	106	112	109	(1.9)	(1.9)
Region IX (Zamboanga Peninsula)	6,466	6,730	7,042	7,189	4.1	2.1
Region X (Northern Mindanao)	11,371	11,633	4,192	4,257	2.3	1.5
Region XI (Davao Region)	5,134	5,283	2,560	2,732	2.9	6.7
Region XII (SOCCSKSARGEN)	2,581	2,884	1,372	1,411	11.7	2.9
Region XIII (Caraga)	6,699	6,970	6,499	6,662	4.0	2.5
Autonomous Region in Muslim Mindanao (ARMM)	1,110	1,190	869	907	7.2	4.5

^P-Preliminary

- no production during the reference quarter

TABLE 5 Volume of Production for Pineapple by Region
July-September: 2017-2018 and October-December: 2017-2018^P
(In metric tons)

(Details may not add up to total due to rounding)

Region	Production				Percent Change	
	July-September		October-December		Jul-Sep	Oct-Dec
	2017	2018	2017	2018 ^P		
PHILIPPINES	683,763	705,429	699,221	706,462	3.2	1.0
Cordillera Administrative Region (CAR)	271	264	9	8	(2.6)	(13.3)
Region I (Ilocos Region)	26	24	55	50	(10.4)	(9.4)
Region II (Cagayan Valley)	14,885	15,297	212	214	2.8	1.0
Region III (Central Luzon)	416	360	124	268	(13.3)	116.2
Region IV-A (CALABARZON)	3,739	3,487	15,180	14,350	(6.7)	(5.5)
MIMAROPA Region	63	64	42	45	1.2	7.4
Region V (Bicol Region)	38,734	52,190	14,535	14,949	34.7	2.8
Region VI (Western Visayas)	3,528	3,774	4,566	4,871	7.0	6.7
Region VII (Central Visayas)	1,021	1,227	464	756	20.2	62.9
Region VIII (Eastern Visayas)	1,283	1,276	598	543	(0.5)	(9.3)
Region IX (Zamboanga Peninsula)	337	228	590	436	(32.5)	(26.1)
Region X (Northern Mindanao)	417,152	421,871	448,704	453,356	1.1	1.0
Region XI (Davao Region)	4,072	4,158	4,075	4,172	2.1	2.4
Region XII (SOCCSKSARGEN)	196,492	199,765	209,592	211,958	1.7	1.1
Region XIII (Caraga)	1,522	1,217	213	225	(20.0)	5.4
Autonomous Region in Muslim Mindanao (ARMM)	222	228	264	265	2.5	0.2

^P-Preliminary

**TABLE 6 Area Planted and Number of Bearing Trees/Hills Crops
Philippines, July-December: 2017-2018^P**

(Details may not add up to total due to rounding)

Selected Crops	July-December		Percent Change
	2017	2018 ^P	
Area Planted (Ha)			
Banana	445,589	446,207	0.1
Cavendish	87,782	88,648	1.0
Lakatan	54,812	54,600	(0.4)
Saba	184,950	184,927	(0.0)
Other banana	118,046	118,032	(0.0)
Calamansi	19,700	19,755	0.3
Mango	185,461	185,607	0.1
Carabao	144,765	145,049	0.2
Other mango	40,696	40,558	(0.3)
Pineapple	65,535	65,853	0.5
Number of Bearing Trees/Hills			
Banana	285,006,507	285,193,614	0.1
Cavendish	121,623,860	121,847,686	0.2
Lakatan	32,314,349	32,311,003	(0.0)
Saba	80,522,979	80,798,659	0.3
Other banana	50,545,319	50,236,265	(0.6)
Calamansi	8,354,012	8,339,482	(0.2)
Mango	9,443,450	9,427,494	(0.2)
Carabao	7,100,391	7,092,817	(0.1)
Other mango	2,343,059	2,334,677	(0.4)
Pineapple	NA	NA	NA

NA- Not Applicable

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MAJOR FRUIT CROPS QUARTERLY BULLETIN

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